

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

DUPLICATE**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-13031
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR TENNECO OIL COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 720 So. Colorado Boulevard, Denver, Colorado 80222		8. FARM OR LEASE NAME Calvinco
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.) At surface 1873.3 FSL 507.3 FWL At proposed prod. zone		9. WELL NO. 31-12
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 21 miles NorthWest of Westwater		10. FIELD AND POOL, OR WILDCAT Morrison
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 260.88	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T.16S, R.25E.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5800	12. COUNTY OR PARISH Grand
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6285' GR	17. NO. OF ACRES ASSIGNED TO THIS WELL 300.88	13. STATE Utah
22. APPROX. DATE WORK WILL START* JUNE 1980		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K-55	+ 1750'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K-55	+ 5800	Cover all productive zones

Set 1-3 joints 9 5/8" casing as needed for conductor

See attached

Archaeology survey done May 7, 1980

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1505 West North Temple
Salt Lake City, Utah 84116

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. A. Suman TITLE Staff Production Analyst DATE 5/8/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E. W. GUYNN DATE AUG 7 1980
CONDITIONS OF APPROVAL, IF ANY: DISTRICT ENGINEER

*See Instructions On Reverse Side

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

State Oil & Gas

Tennessee Oil Co.
31-165-25E

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn
From: Mining, Supervisor, Mr. Jackson W. Moffitt
Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. W-13031 Well No. 31-12

1. The location appears potentially valuable for:

☐ strip mining*

☒ underground mining** *coal*

☐ has no known potential.

2. The proposed area is

☐ under a Federal lease for _____ under the jurisdiction of this office.

☒ not under a Federal lease under the jurisdiction of this office.

☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen J. Vance

JUN 16 REC'D



IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

July 15, 1980

Memorandum

To: Oil and Gas Office, USGS Conservation Division
P.O. Box 3768 Grand Junction, Co. 81502

From: Area Manager, Grand

Subject: Well: USA 31-12
Tenneco Oil Company
Section 31 T. 16 S., R. 25 E.
Grand County, Ut.

On July 8, 1980 a representative from this office met with John Conners, USGS, and Lee Freeman agent of the Tenneco Co. for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The Archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to

Greg R. Dawson
ACTING

Enclosures: (2)
1- Reclamation Procedures
2- Seed Mixture



Save Energy and You Serve America!

JUL 21 REC'D

STANDARD STIPULATIONS FOR OIL AND GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stock pile the surface 6" of topsoil where applicable in a wind-row on the North side of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from subsurface deposits is exposed during the operation.

The pad will be kept out of the drainage by moving the location at least 50 feet to the West. The drainage that will be interrupted by the reserve pit will be re-routed around the pit, and provisions will be made by Tenneco so that no fluids will find their way into the drainage.

The trees will be placed on the Southwest edge of the location, and dispersed over the location when restoration occurs.

Provisions will be made by Tenneco to safe guard the undisturbed areas from human related fires (flare ups).

With reference to the access road, the road will be moved back two water crossings at which location it will commence the major ascent to the drill pad.

If production is obtained, the access road will be upgraded to BLM specifications for long term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (join BLM and USGS publication).

Production facilities and pipeline route are approved on this location under lease rights.

If production is obtained, additional surface disturbing activities are not approved at this time.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Seed Mixture

Tenneco

USA-31-12

Grass

Lbs/acre

Oryzopsis hymenioides
Stipa comata
Agropyron specatum
Agropyron smithii

Indian rice grass
Needle and thread
Bluebunch wheatgrass
Western wheatgrass

1
1
1
1

4

Forbs

Sphaeralcea spp.
Linum lewisii
Medicago sativa
Hedysarum boreale

Globemallow
Blue flax
Alfalfa
Utah Sweetvetch

$\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

2

Shrubs

Cercocarpus Montanus
Amelanchier utahensis
Purshia tridentata
Ephedra nevadensis

Birchleaf mahogany
Serviceberry
Bitterbrush
Ephedra

$\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$
 $\frac{1}{2}$

2

note: if broadcasting double the Lbs/acre

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

*	2%	Grade	-	200 ft. intervals
	2-4%	Grade	-	100 ft. intervals
	4-5%	Grade	-	75 ft. intervals
	5%	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

Tenneco Oil Exploration and Production

A Tenneco Company



Rocky Mountain Division

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130

June 30, 1980

Mr. Ed Guynn
U.S. Geological Survey
2000 Administration Bldg.
1745 West, 1700 South
Salt Lake City, Utah 84138

Dear Mr. Guynn:

During a recent field inspection it was decided a realignment of the access to the Calvinco 31-12 was necessary to minimize construction. I have enclosed copies of this realignment as an addendum to the application.

I have scheduled pre-drill inspections in the same area on July 8 & 9 with Mr. Doyle and hope to re-enter on horses for the final inspection.

If any additional information is necessary please contact me.

Yours very truly,

TENNECO OIL COMPANY

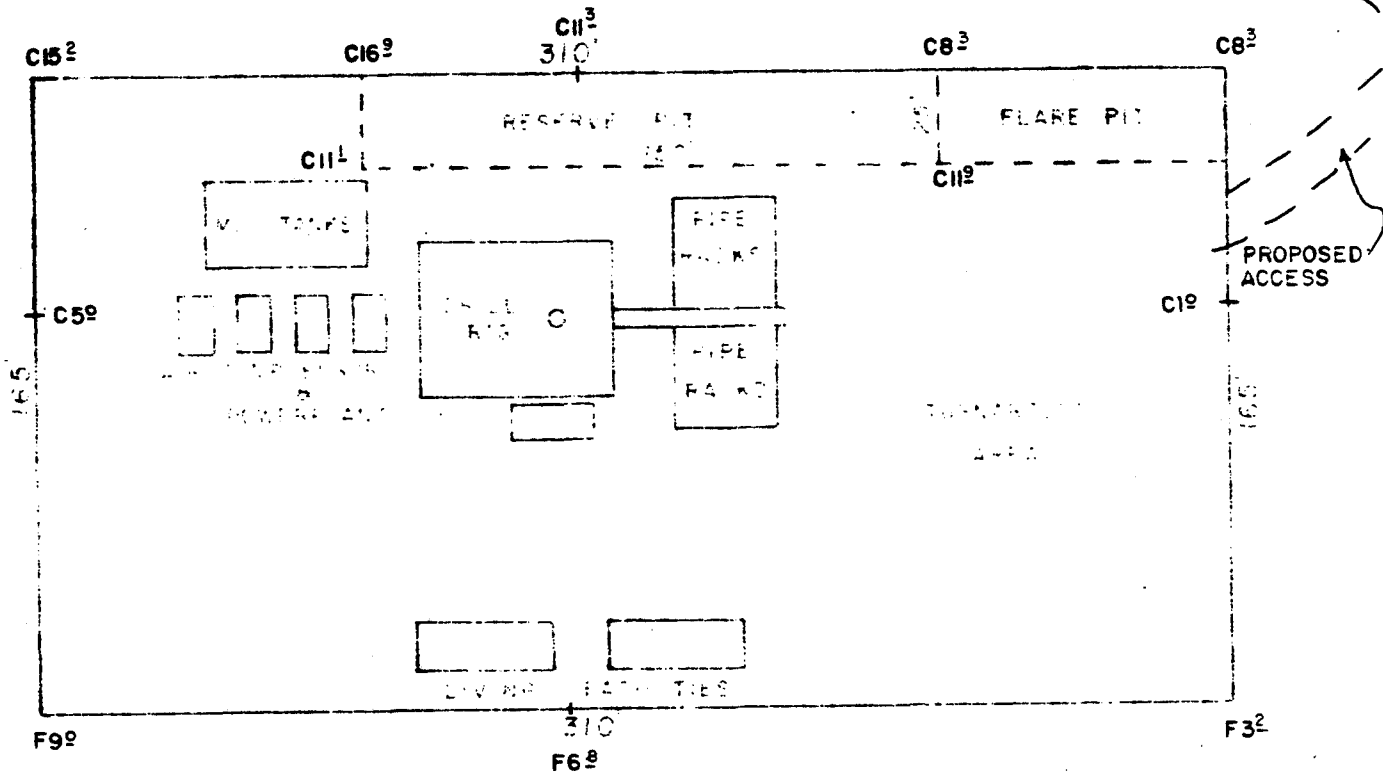
A handwritten signature in cursive script, appearing to read "M. L. Freeman".

M. L. Freeman
Staff Production Analyst

MLF/rr
Encls.

cc : Glen Doyle
U.S.G.S.
Grand Junction, Colorado

Elmer Duncan
Bureau of Land Management
Moab, Utah



	ARMSTRONG ENGINEERS ENGINEERING-SURVEYING CONCRETE & SOILS TESTING	
	SCALE 1"=50'	TENNECO OIL CO CALVINCO USA 31-12
	DATE 4/16/80	
	DRAWN BY JMT	JOB NUMBER 802740
	CHECKED BY JHL	
DATE 4/11/80	SHEET 3 of 5	

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-13031

and hereby designates

NAME: Tenneco Oil Company
ADDRESS: 720 South Colorado Blvd.
Denver, Colorado 80222

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 16 South, Range 25 East
Section 31: Lots 1,2,3,4, NE/4 NW/4, E/2 SW/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Marmik Oil Company

By: Michael W. Murphy

(Signature of lessee)

Michael W. Murphy, President
3050 First of Denver Plaza
Denver, Colorado 80202

(Address)

4-25-80

(Date)

Operator

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

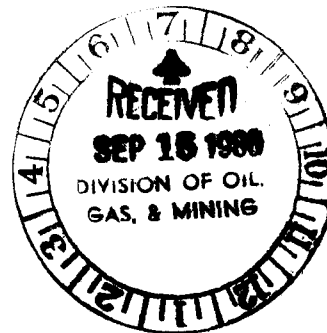
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-13031		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
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4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1873.3 FSL 507.3 FWL <i>NWSW</i> At proposed prod. zone			9. WELL NO. 31-12		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 21 miles NorthWest of Westwater			10. FIELD AND POOL, OR WILDCAT <i>Morrison Wldcat</i>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		16. NO. OF ACRES IN LEASE 260.88	17. NO. OF ACRES ASSIGNED TO THIS WELL 300.88		
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 5800 <i>Morrison</i>	20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6285' GR			22. APPROX. DATE WORK WILL START* JUNE 1980		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K-55	+ 1750'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K-55	+ 5800	Cover all productive zones

Set 1-3 joints 9 5/8" casing as needed for conductor

See attached

Archaeology survey done May 7, 1980

APPROVED BY THE DIVISION
OF OIL, GAS, AND MININGDATE: 9-17-80BY: M. J. Winder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. J. Winder TITLE Staff Production Analyst DATE 5/8/80

(This space for Federal or State office use)

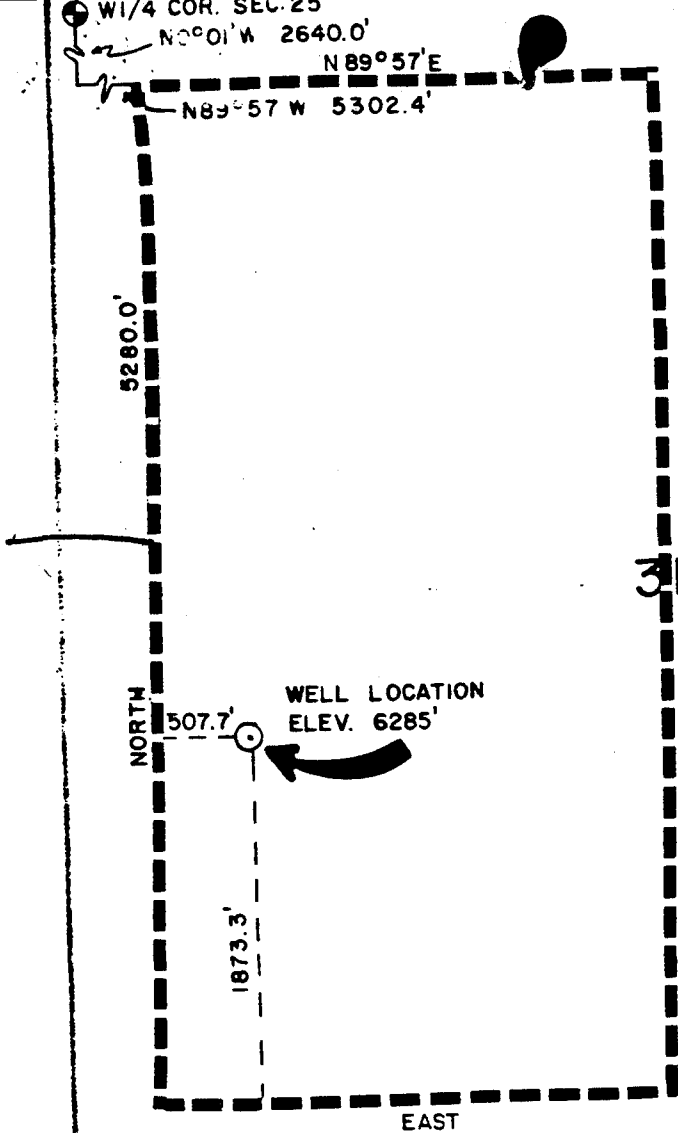
PERMIT NO. 43-019-30704 APPROVAL DATE 9/17/80
APPROVED BY RA Kersich FOR E. W. GUYNN DISTRICT ENGINEER DATE AUG 7 1980
CONDITIONS OF APPROVAL, IF ANY:

NOTICE

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
GAS & MINING
DATED 1/1/80



5280.0'

5120.3'

NORTH

507.7'

WELL LOCATION
ELEV. 6285'

1873.3'

EAST

5124.2'

N 0° 03' W



SCALE 1" = 100'

BASIS OF BEARING:
GLO CALL BETWEEN
FOUND GLO MONUMENTS
ON EAST LINE SECTION
26, T16S, R24E, SLB 8 & M.

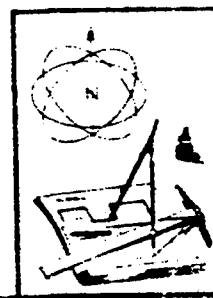
● INDICATES: FOUND
U.S.G.L.O. BRASS CAP

WELL LOCATION
1873.3 FT N.S.L. - 507.7 FTE W L
SECTION 31, T16S, R 25E, SLB 8 & M.
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
EDWARD A. ARMSTRONG P.E. & L.S. 4464



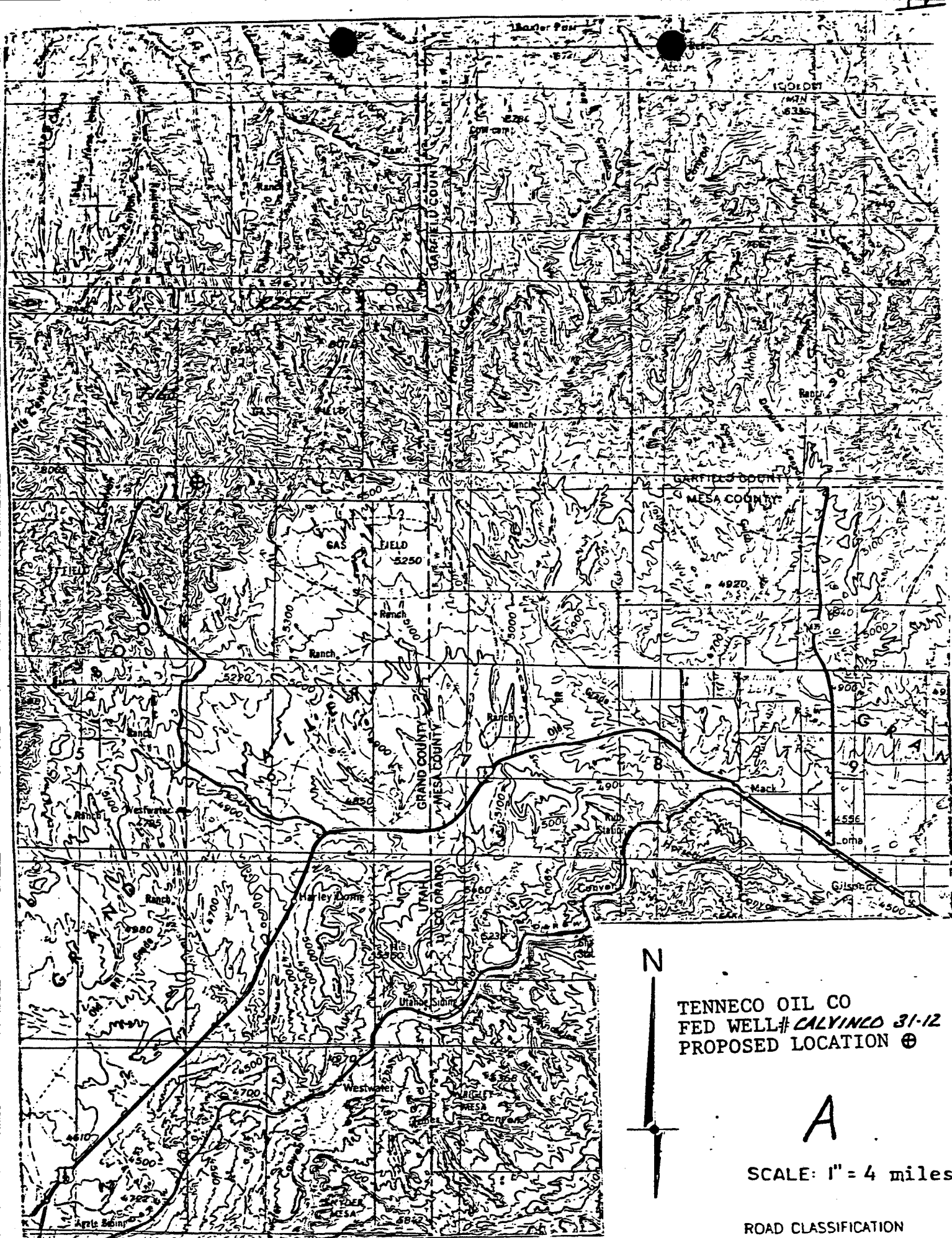
ARMSTRONG ENGINEERS
ENGINEERING - SURVEYING
CONCRETE & SOILS TESTING

1" = 1000'
4 / 16 / 80
JMT
JHL
4 / 11 / 80

TENNECO OIL CO
CALVINCO USA 31-12

SHEET 1 of 5

JOB NUMBER
802740



TENNECO OIL CO
FED WELL# CALVINO 31-12
PROPOSED LOCATION ⊕

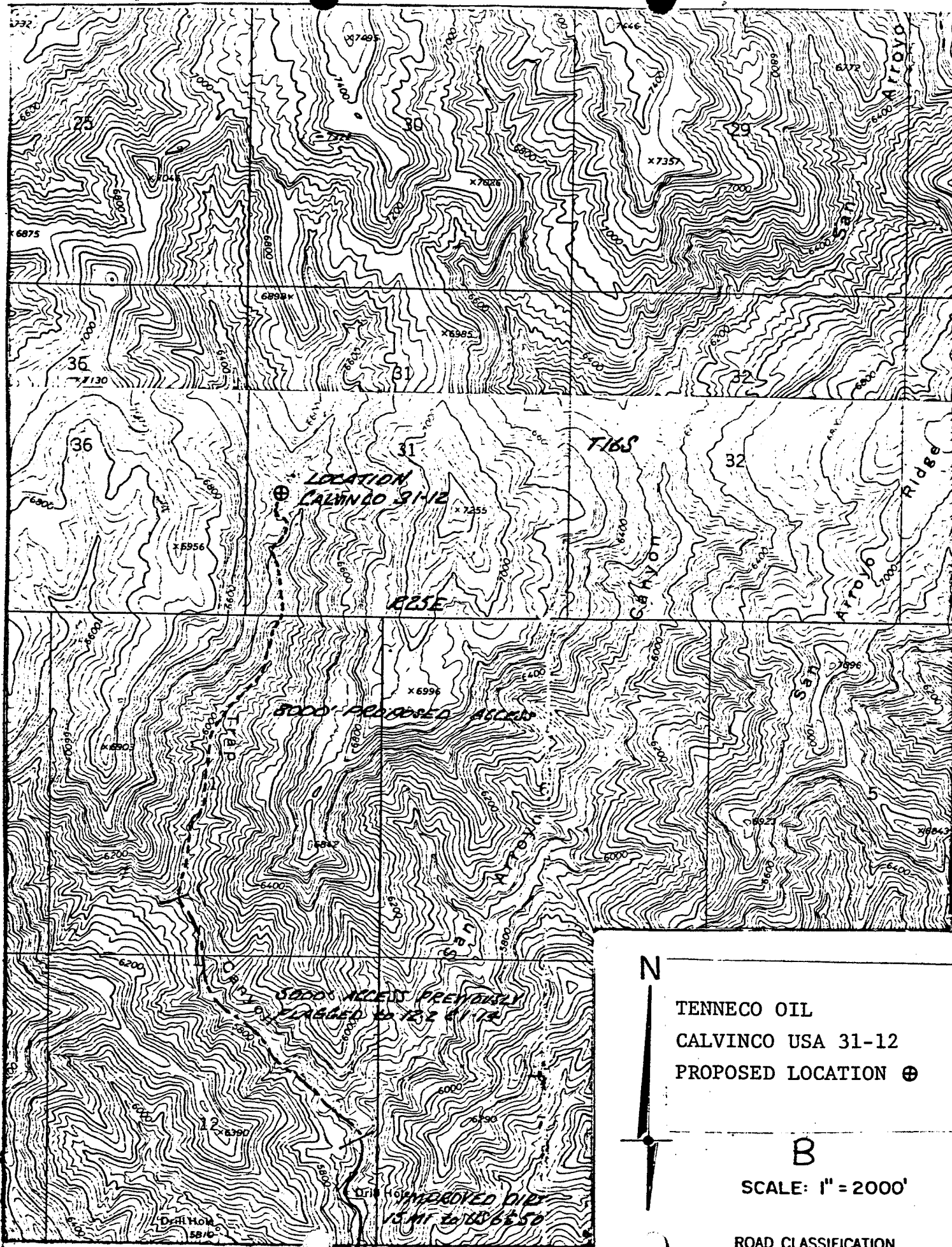
A

SCALE: 1" = 4 miles

ROAD CLASSIFICATION

Light

Unimproved dirt



TENNECO OIL
CALVINCO USA 31-12
PROPOSED LOCATION ⊕

B

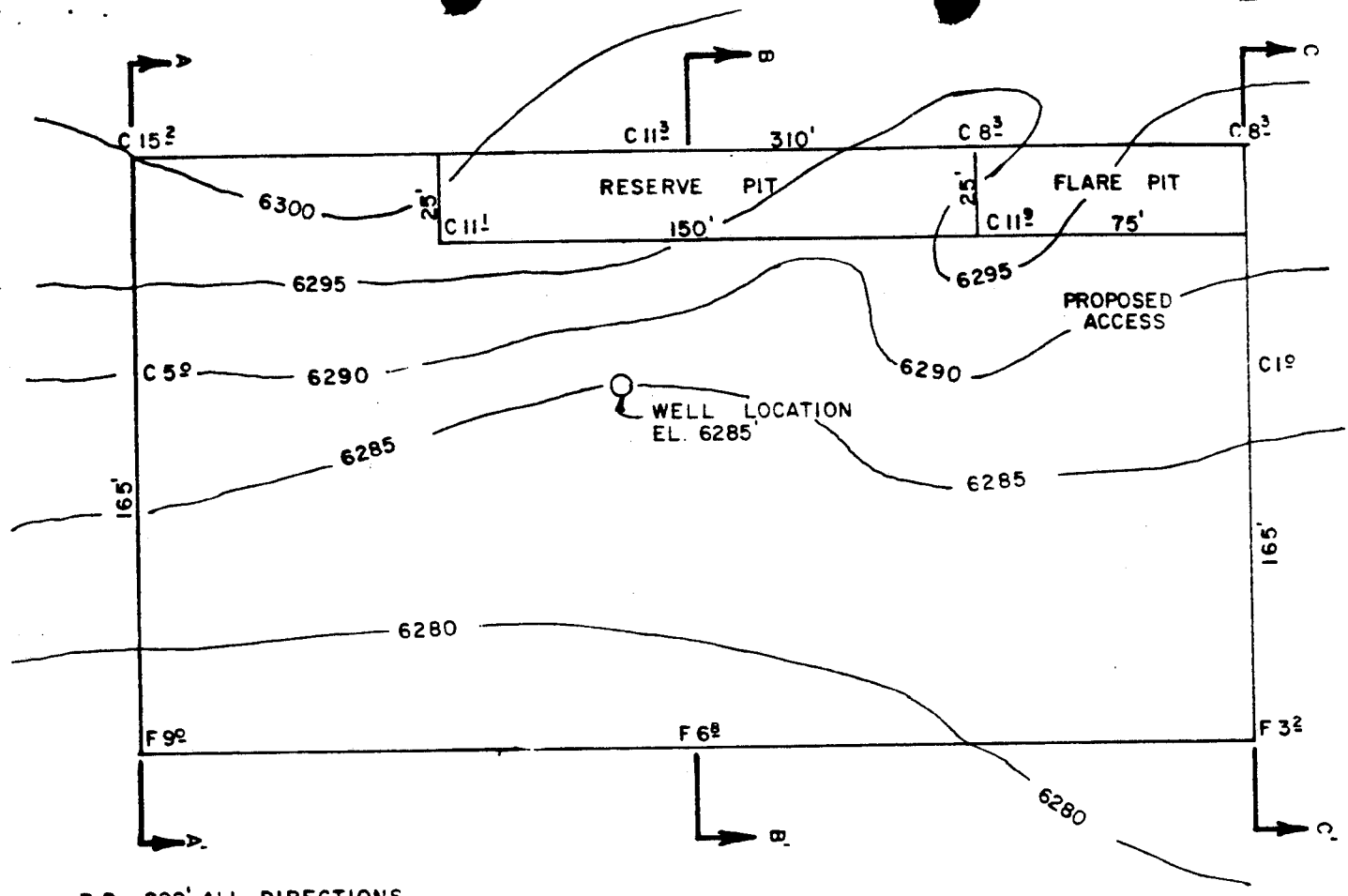
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ROAD CLASSIFICATION

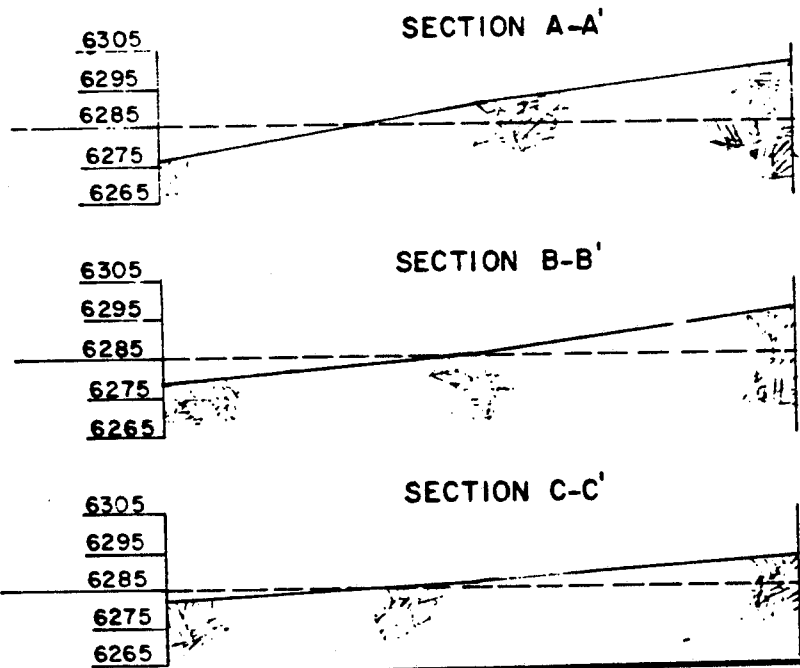
Light-duty

Unimproved dirt -----

II

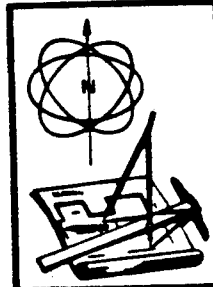


R.P. 200' ALL DIRECTIONS



APPROXIMATE EARTHWORK VOLUMES

CUT 4280 cu. yds.
FILL 3070 cu. yds.



ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861	
SCALE 1" = 50'	TENNECO OIL CO. CALVINCO USA 31-12
DATE 4/16/80	SHEET 2 of 5
DRAWN BY JMT	
CHECKED BY JHL	JOB NUMBER 802740
DATE OF SURVEY 4/11/80	

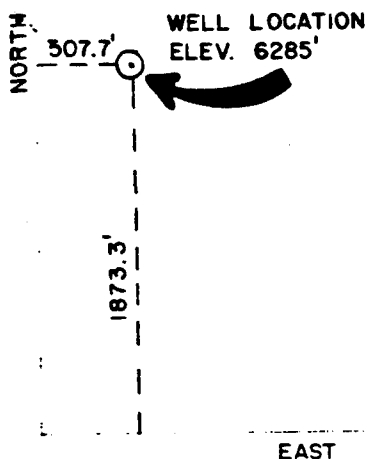
W 1/4 COR. SEC. 29
N 0° 01' W 2640.0'
N 89° 57' E
N 89° 57' W 5302.4'

5120.3'

5280.0'

5280.0'

31



N 0° 03' W



BASIS OF BEARING:
GLO CALL BETWEEN
FOUND GLO MONUMENTS
ON EAST LINE SECTION
26, T16S, R24E, SLB & M.

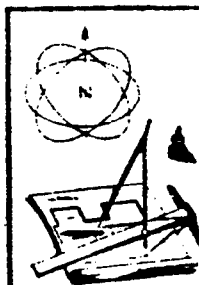
● INDICATES: FOUND
U.S.G.L.O. BRASS CAP

WELL LOCATION
1873.3 FT N S L - 507.7 FTE W.L
SECTION 31, T16S, R25E, SLB & M.
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
EDWARD A. ARMSTRONG P.E. & L.S. 4464



ARMSTRONG ENGINEERS
ENGINEERING - SURVEYING
CONCRETE & SOILS TESTING

SCALE 1" = 1000'
DATE 4/16/80
DRAWN BY JMT
CHECKED BY JHL
DATE 4/11/80

TENNECO OIL CO
CALVINCO USA 31-12

SHEET 1 of 5

JOB NUMBER
802740

Oil and Gas Drilling

EA No. 431-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date July 14, 1980

Operator Tenneco Oil Company Well No. 31-12
Location 1873' FSL 507' FWL Section 31 Township 16S Range 25E
County Grand State Utah Field/Unit _____
Lease No. U-13031 Permit No. _____

Prepared by: John Connor
Petroleum Engineer

Reviewed by: Glenn Doyle **NOTED DOYLE**
Environmental Scientist
Grand Junction, Colorado

Joint Field Inspection Date: July 8, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Jeff Robbins, Pete Charney,</u>	
<u>Eddie Bullock</u>	<u>Bureau of Land Management, Moab</u>
<u>John Connor</u>	<u>U. S. Geological Survey, Grand Junction</u>
<u>Lee Freeman</u>	<u>Tenneco</u>
<u>Bill Buniger</u>	<u>Dirt Contractor</u>

Drill pad 165' x 310'
Reserve pit 25' x 150'
New access road 1200' x 20'
Improve existing road 20' x 4 miles
Moved location 50' W
Changed access from north to
South side of pad.

Related Environmental Documents:

BLM-Moab, Book Mountain Unit Resource Analysis.
BLM-Colorado, Baxter-Douglas Unit Resource Analysis.
BLM-Utah, Big Flat-Squaw Park Unit Resource Analysis.
BLM-Colorado, Oil and Gas Umbrella Leasing EAR.
BLM-Utah, 1979, Final initial wilderness inventory, USDI, August, 50 pp.

condition of approval *P. 617*
(1-3) + (1-5)

DESCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah
 County: Grand

1873 ' F S L, 507 ' F W L, NW 1/4 SW 1/4

Section 31, T16S, R25E,

2. Surface Ownership Location: Public
 Access Road: Public

Status of Reclamation Agreements: Not Applicable

3. Dates APD Filed: May 12, 1980
 APD Technically Complete: June 3, 1980
 APD Administratively Complete: *Aug 7, 1980*

4. Project Time Frame Starting Date: Upon receipt of approval.
 Duration of drilling activities: 25 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 165' wide x 310' long and a reserve pit 25' x 150' would be constructed. Approximately 1200 feet of new access road, averaging 20' in width, would be constructed and approximately 4 miles of existing trail would be improved to 20' wide) from a maintained road. 1.8 acres of disturbed surface would be associated with the project.
2. Drilling to a total depth of 5800'.

3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons
9. Other

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved 50' west to avoid a drainage to the east. The access road was changed from the north edge of pad to the south edge to provide safe access and to conform with the site topography.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - Regional topography is the high, south-facing cliffs and narrow canyons of the Book Cliffs Region of Colorado. The location sits on an erosional sandstone bench approximately 100' above Trap Canyon. A SE-sloping, steep-walled drainage south of the summit of the cliffs.

PARAMETER

A. Geology - The surface formation is Mesaverde, Cretaceous in age. Underlying the Mesaverde are the Mancos, Castlegate, Frontier, Dakota Silt, Dakota, Morrison, Salt Wash, and Entrada Formations.

Information Source: ME, District Geologist.

1. Other Local Mineral Resources to be Protected: Potential for valuable coal to be encountered in Mesaverde Formation. All coal zones encountered shall be sealed off by cementing through each coal bed. The operator is requested by the USGS District Geologist to provide resistivity, density, gamma ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

Information Source: Application to Drill; ME, District Geologist, USGS Mining Supervisor.

2. Hazards:

a. Land Stability: The location and access are built on the Mesaverde Sandstone. This soil is considered a moderate engineering material and is stable, provided the slopes are moderate, moisture content is low, and compaction of disturbed areas is adequate.

Information Source: John Connor, Petroleum Engineer, USGS.

b. Subsidence: Subsidence can occur with the withdrawal of oil, gas, and/or water.

Information Source: Keller, Edward A., 1976, Environmental geology, Charles E. Merrill, 488 pp.

c. Seismicity: Seismic risk: low. Statistically, greatest damage would be moderate, corresponding to intensity VII of Modified Mercalli Intensity Scale, 1931.

Information Source: Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; Algermissen, S. T., and Perkins, David M., 1977, Earthquake hazards map of the United States, Reprint from Earthquake Information Bulletin, 9(1) Jan-Feb., 4 pp.; von Hake, Carl A., Earthquake History of Utah, NOAA.

d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. Blowout prevention systems detailed in APD.

Information Source: Application to Drill and ME, District Geologist.

B. Soils

1. Soil Character: No detailed soil surveys done in area. Changes in soil fertility, horizons, slope stability, etc., cannot be predicted. Soils are considered nitrogen-poor, alkaline soils that support the salt-desert community.

Information Source: Field observation, John Connor.

2. Erosion/Sedimentation: Erosion/sedimentation would increase as would runoff potential. Extent of increases unpredictable without site-specific studies being done.

Information Source: Field observation.

C. Air Quality - Well site lies in Class II attainment area. No Class I attainment areas are near, or adjacent to, proposed location.

Information Source: Field observation.

D. Noise Levels - Ambient noise levels will be temporarily increased over the duration of drilling activity. Wildlife will avoid immediate area. After well completion, if well is dry hole, noise levels will return to nearly the predrill ambient levels. If the well produces marketable quantities of oil or gas, noise levels will rise periodically above predrill ambient levels.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The proposed wellsite is cut to the south and east with minor erosional washes. Due to the character of the location and its slope to the east, no diversion ditches will be necessary.

Information Source: Field observation.

b. Groundwaters: Potential for fresh, usable water is possible in the Mesaverde Formation. The BLM may request completion of a water well if fresh water is encountered.

Information Source: ME, District Geologist and attached Bureau of Land Management Stipulations.

2. Water Quality

a. Surface Waters: Impacts to surface water quality are judged as insignificant, provided the operator maintains a fluid-tight reserve pit. Release of produced and/or circulating fluids from the reserve pit could cause a significant adverse affect on surface water quality, depending on fluid's chemical composition.

Information Source: Field observation.

b. Groundwaters: Operator proposes 1750' of surface casing. Commingling of drilling fluids with potentially usable water could render groundwater unusable. Pits would be unlined.

Information Source: Application to Drill.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the preliminary field comments received from the Moab Area Bureau of Land Management on July 9, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: The location supports stands of pinyon and juniper trees, greasewood, sage, and various grasses. Construction would remove about 1.8 acres of vegetation, increasing potential for non-point erosion and decreasing soil fertility.

Information Source: Field observation.

3. Fauna: Wildlife in the area consists of mule deer, rabbits, coyotes, and small rodents. Vegetation removal reduces wildlife habitats and food sources. Deer are known to winter in the area. No known migratory bird

nesting areas, strutting or breeding grounds, or fish-spawning areas would be impacted by proposed action.

Information Source: Field observation.

G. Land Uses

1. General: Oil and gas operations, recreation, and grazing are major land uses. Amount and quality of land available to livestock, wildlife, and recreationists would be reduced during well life.

Information Source: Field observation.

2. Affected Floodplains and/or Wetlands: None affected.

Information Source: Field observation.

H. Aesthetics: Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

I. Socioeconomics: The effect of one well on local and regional population and economy would be considered minor. If major discovery, then consider: Population increase, community services taxed, resources depleted, cumulative impacts multiply, pipelines and transportation routes expand.

Information Source: G. Doyle, Environmental Scientist, USGS.

J. Cultural Resources Determination: Based on the preliminary field comments received from the Moab Area Bureau of Land Management on July 9, 1980, we determine that there would be no effect on cultural resources subject to archeological clearance.

Information Source: Attached Stipulations.

K. Adequacy of Restoration Plans: Rehabilitation plan judged as adequate. Problems hampering restoration: a) Area subject to short growing season; b) limited precipitation during growing season; and c) generally, very little topsoil which has limited organic matter and is low in fertility.

Information Source: David Oberwager, Env. Spec. (Reclamation), USGS-AOSO.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too

severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

- a. About 1.8 acres of vegetation would be removed, increasing and accelerating erosion potential.
- b. Pollution of groundwater systems would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Colorado River watershed. The potential for pollution to the Colorado River would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional approval

- a. All adverse impacts described in section one above would occur, except
 - 1) By relocating the pad 50' west of the proposed location, the effects of drilling activities on the wash to the east will be mitigated.
 - 2) Moving the road entrance from the north edge of the pad to the south edge will minimize surface disturbance by conforming to the site's topography. Safer access to the drillsite will also result.

- 3) By fencing the reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off, hazards posed by fluids to livestock and wildlife would be mitigated.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations.
2. See attached BLM Stipulations.
3. Relocate pad 50' west of proposed location.
4. Relocate site access road from north side of pad to the south side.
5. Fence reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off.

Controversial Issues and Conservation Division Response: None are involved at this time.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).

WJ Martin

FOR

E. W. GUYNN
DISTRICT ENGINEER

JUL 30 1980

District Engineer
U. S. Geological Survey
Conservation Division
Oil & Gas Operations
Salt Lake City District

Date



FROM : DISTRICT GEOLOGIST ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-13031OPERATOR: Tenneco Oil CompanyWELL NO. 31-12LOCATION: SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 31, T. 16 S., R. 25 E., SLMAGrand County, Utah

1. Stratigraphy:

Mesaverde	surface		
Marcos	1280	Morrison	5260
Castlegate	1530	Salt Wash	5700
Frontier	4795	Entrada	—
Dakota Silt	5050		
Dakota	5150	TD	5800

2. Fresh Water:

Fresh or useable water is probable in Mesaverde to ~1280'

3. Leasable Minerals:

Coal in Mesaverde, but not mineable.

4. Additional Logs Needed:

Operator should run suite throughout the Mesaverde.

5. Potential Geologic Hazards: None anticipated

6. References and Remarks:

Signature: Gregory W WoodDate: 5-30-80

12 JUN Recd

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation:
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately (June, 1980) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

TEHNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: February 11, 1980

LEASE: Calvinco USA

WELL NO.: 31-12

LOCATION: 1873.3 507.7
FSL, FWL
Sec. 31, T 16 S, R 25E
Grand County, Utah

FIELD:

ELEVATION: 6250' Est. G.L.

TOTAL DEPTH: 5800'

PROJECTED HORIZON: Morrison

SUBMITTED BY:

J. W. Owen

DATE:

2/11/80

APPROVED BY:

J. W. Owen

DATE:

2/12/80

JWO/ms

CC: Administrative (D.T. - 1)
DSB Well File
Field File

ESTIMATED FORMATION TOPS

Mesa Verde	Surface
Mancos	1280'
Castlegate	1530' (Water and/or Gas)
Frontier	4795'
Dakota Silt	5050'
Dakota	5150' (Gas)
Morrison	5260' (Gas and/or Water)
Salt Wash	5700' (Gas and/or Water)
Entrada	N/A
T.D.	5800'

1. No abnormal pressure, temperature, or H₂S is anticipated in this well.
2. Reserve pit shall be fenced on three sides during drilling operations.

1. MIRURT.
2. Set 1-3 joints of 9 5/8" casing as needed to be used as conductor pipe.
3. Install casing head and nipple up rotating head and bloopie line.
4. Drill 8 3/4" hole to $\pm 1750'$, or through the Castlegate Formation.
5. Run 7", 23#, K-55, ST&C surface casing to T.D. Cement with sufficient volume to circulate cement to the surface.
6. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
7. TIH and displace water in casing with air. Drill out shoe and dry up hole.
8. Drill 6 1/4" hole to T.D.
9. Log well as per G. E. Department recommendations.
10. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

CONDUCTOR: 30' to 125' as needed. 9 5/8", 36#, K-55, ST&C.

SURFACE: $\pm 1750'$, 7", 23#, K-55, ST&C.

PRODUCTION: 5800', 4 1/2", 10.5#, K-55, ST&C

MUD PROGRAM

1. Anticipate drilling entire hole with air.
2. In the event liquids are encountered, mist drilling will be attempted.
3. Should mist drilling be unsuccessful, the hole will have to be mudded up.
4. Also, if gas is encountered in sufficient volume to compromise the safety of the operations, mudding up will be required.
5. If mudding up is necessary, the following guidelines should be followed:
 - (1) Weight \pm 9.0 ppg.
 - (2) Vis. as needed to clean hole.
 - (3) W.L. 10 cc or less.

EVALUATION

Cores and DST's: No cores or DST's are anticipated.

Deviation Surveys:

0-1750' 1 1/2° } Surveys to be run every 500' or on trips, whichever comes
1750'-T.D. 6° } first. Surveys will be reported on the IADC Drilling Report
Sheet.

Maximum allowable deviations:

- (1) 1° per 100' interval.
- (2) 1 1/2° at 1750'.
- (3) 6° at T.D.

Samples: None.

<u>Logs:</u>	SNP/GR)		FDC/CNL) Mud Drilled
	FDC/GR)	Air Drilled	DIL/LL8 w/sp	
	DIL)			

BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air/mist holes.
3. Preventers must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet

REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

1. 303-758-7130 (Office) Don Barnes
303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)
303-936-0704 (Home) Don Barnes, weekends and holidays.
2. George Ramsey (Home) 303-771-5154.
3. John Owen (Home) 303-795-0221.

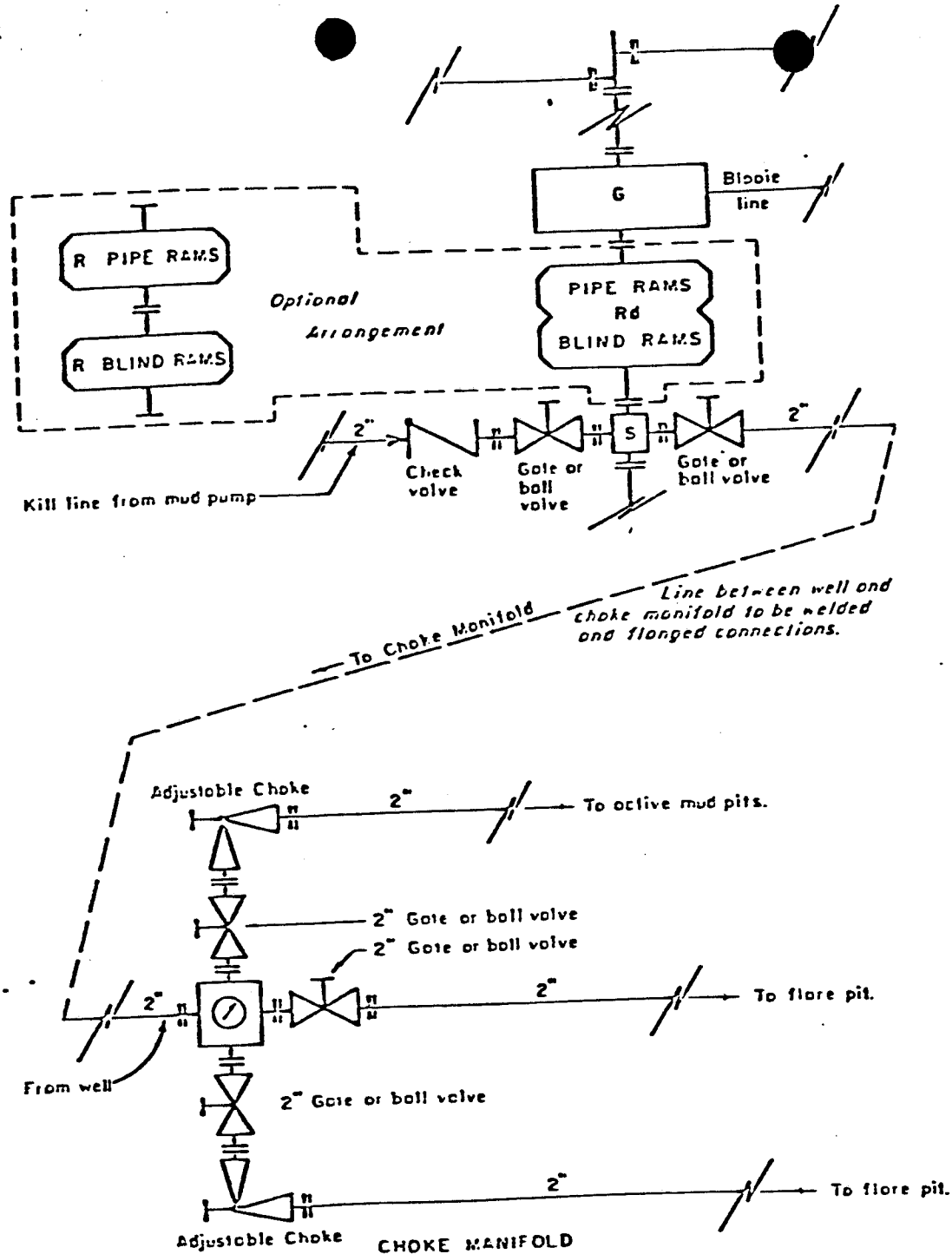
The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: Drilling Department

IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.
2. Mr. George E. Ramsey, Jr., Drilling Engineers Supervisor
3. Mr. John W. Owen, Project Drilling Engineer.
4. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).



All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
 ROCKY MOUNTAIN DIVISION
 REQUIRED MINIMUM
 BLOWOUT PREVENTER AND
 CHOKES MANIFOLD

J. MAGILL 10-26-70 EVI

I. EXISTING ROADS

(a) Proposed Well Site Location: The proposed site as surveyed by a registered land surveyor is located 1873.3 FSL, 507.7 FWL Sec. 31, T.16S, R.25E. Grand County, Utah.

(b) Planned Access Route:

See Exhibit IV & V

(c) Access Road Labelled:

Color Code: Red - Improved surfaced roads
Blue - New access road to be constructed.

(d) Not applicable, the proposed well is a development well.

(e) The existing roads are shown in Exhibit IV

(f) Existing Road Maintenance or Improvement:

The existing road will not require improvement. However, this road, along with the new access road, may require occasional grading to return the road surface to a cross section necessary for proper drainage.

II. PLANNED ACCESS ROUTE

(a) Route Location - (See Exhibits IV and V)

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. Temporary access will be built initially, if the facility is productive, the temporary road will be improved as follows:

(1) Width:

The average dirt width will be twenty feet. The average traveled surface width will be twenty feet. Road construction will be in accordance with typical roadways requested by the U. S. Bureau of Land Management.

(2) Maximum Grades:

The maximum grade will be 15% percent, however, this may vary as topographical conditions vary.

not site specific

(3) Turnouts: Turnouts are not required

(4) Drainage Design:

Prior to construction of the new access road, the brush and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be a minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1 and fill slopes will be a maximum of 2:1.

(5) Culverts Use, Major Cuts and Fills: Culverts will be placed as needed and suggested by the BLM.

Max: cut - ~~5~~ 15.2'
Max: fill - 9'

(6) Surfacing Material:

The proposed permanent access road will be constructed with native material.

(7) Gates, Cattleguards, Fence Cuts:

Not needed

(8) New portion of road will be center flagged

III. LOCATION OF EXISTING WELLS

The proposed well is a development well. Exhibit IV shows existing wells within a one mile radius.

- A. Water Wells: NA
- B. Abandoned Wells: NA
- C. Temporarily Abandoned Wells: NA
- D. Disposal Wells NA
- E. Drilling Wells NA
- F. Producing Wells: NA
- G. Shut-In Wells: NA
- H. Injection Wells: NA
- I. Monitoring or Observation Wells: None.

*not the proper
scale - 1" = 50'*

LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Existing facilities within one mile owned or controlled
by Lessee/Operator: NONE

- (1) Tank batteries -
- (2) Production facilities -
- (3) Oil Gathering Lines -
- (4) Gas Gathering Lines -
- (5) Injection Lines -
- (6) Disposal Lines -

- B. New Facilities in the Event of Production:

1. New facilities: well head, condensate tank, production unit, meter house
2. Dimension of the facilities are shown in Exhibit II & III
3. Construction will be to strip the topsoil, level drilling pad. Dehydrator pits will be constructed with soil materials native to the site. Construction methods will be employed to assume that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
4. Protective measures to protect wildlife and livestock: Dehydrator pits shall be overhead flagged should any hydrocarbon material be present on the surface. The dehydrator pits shall be fenced to prevent entry of livestock or wildlife.

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued usage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to BLM specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- (a) The water source is Bill Buniger

- (b) Water Transportation system: Water to be hauled in trucks from an undetermined pick up point.

- (c) Water Wells: None

VI. SOURCE OF CONSTRUCTION MATERIALS

(a) Materials:

Construction materials will consist of soil encountered with the boundaries of the proposed site. Topsoil will be stripped to a depth of six inches and stockpiled in an area that does not interfere with operations.

(b) Land Ownership:

The planned site and access roads lie on Federal land administered by the United States Department of Interior, U.S. Bureau of Land Management.

(c) Materials Foreign to Site: NA

(d) Access road shown under item IV & V

VII. METHODS OF HANDLING WASTE MATERIALS

(a) Cuttings:

Will be contained within the limits of the reserve pit.

(b) Drilling Fluids:

Will be retained in the reserve pit.

(c) Produced Fluids:

No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Previous to clean up operations the hydrocarbon materials will be skimmed or removed as the situation would dictate.

(d) Sewage::

Sanitary facilities will consist of at least one pit toilet. Waste will be contained in a pit and backfilled immediately following the drilling operations.

(e) Garbage:

A burn pit will be constructed and fenced with small mesh wire. The small amount of refuse will be buried upon completion, with a minimum three foot cover.

(f) Clean up of well site:

After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The "mouse hole and rat hole" will be backfilled to prevent injury and hazard for livestock. Reserve pit will be fenced until dry and it can be backfilled and restored to natural terrain.

VIII. ANCILLARY FACILITIES

None required.

IX. WELL SITE LAYOUT

1. See Exhibits II & III
2. Location of pits: II
3. Rig Orientation: III
4. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE

A. Reserve Pit Cleanup:

The pit will be fenced prior to rig release and shall be maintained until clean up. Previous to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of the site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

X. PLANS FOR RESTORATION OF SURFACE

A. Reserve Pit Cleanup:

The pit will be fenced prior to rig release and shall be maintained until clean up. Previous to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

XI. OTHER INFORMATION

- A. Surface Description: The surface topography is high broken mesas with sandy soil supporting pinon, juniper, shrubs and grasses.
- B. Other Surface - Use Activities: The surface is federally owned and managed by the BLM/USGS. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwelling, Historical Sites:
 - 1. Water: No reservoirs or live streams in the area.
 - 2. Occupied Dwellings: Not existing.

3. Historical Sites: An Archaeological Reconnaissance has been performed for this location and clearance has been granted.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Donald Barnes
720 So. Colorado Boulevard
Denver, Colorado 80222
Office: (303) 758-7130
Extension 212

M. L. Freeman
720 So. Colorado Boulevard
Denver, Colorado 80222
Office: (303) 758-7130
Extension 278

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

DATE: 5/9/80



M. L. Freeman
Staff Production Analyst

**** FILE NOTATIONS ****

DATE: September 16, 1980
OPERATOR: Jenneco Oil Company
WELL NO: Calvinco #31-12

Location: Sec. 31 T. 16S R. 25E County: Grand

File Prepared: ☐

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30704

CHECKED BY:

Petroleum Engineer: M.L. Minder 9-17-80

Director: _____

Administrative Aide: C:3 - X m gas well spacing

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

#1 Lease Designation 3rd

Plotted on Map ☒

Approval Letter Written ☒ *ltn*

Hot Line ☒

P.I. ☒

September 23, 1980

Tenneco Oil Company
720 South Colorado Boulevard
Boulder, Colorado 80222

Re: Well No. Calvinco #31-12
Sec. 32, T. 16S, R. 25E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30704.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm
cc: USGS

Jenneco

NOTICE OF SPUD

Caller: Duane Wolfe

Phone: _____

Well Number: Calvinco U.S.A. 31-12

Location: (NWSW) 1873.3' FSL 507.3 FWL 31-16S-25E.
Lot #2

County: Grand State: Utah

Lease Number: U-13031

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 11-12-80 1:30 P.M.

Dry Hole Spudden/Rotary: Air MIST

Details of Spud (Hole, Casing, Cement, etc.) TD 5800
8 3/4" hole

Rotary Rig Name & Number: ATCO Rig #5

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: K.R.

Date: 11-13-80

RECEIVED

NOV 14 1980

DIVISION OF
OIL, GAS & MINING

0317

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249, Englewood, Colorado

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1873.3' FSL 507.3 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Commence drlg. operations

SUBSEQUENT REPORT OF:

☒
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5. LEASE

U-13031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Calvinco

9. WELL NO.

31-12

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31 T16S R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6285' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/13/80 Set 123' 9-5/8" 36# conductor pipe. Spud 8-3/4" hole 11/12/80.
Drill to 216'. hit water turn to mist. Drill to 510'

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Asst. Div. Adm. Mgr. TITLE Asst. Div. Adm. Mgr. DATE November 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☒ gas well ☐ other

2. NAME OF OPERATOR
Tenneco

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1873.3' FSL 507.3 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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5. LEASE

U-13031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Calvinco

9. WELL NO.

31-12

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31, T16 S; R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6285'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/16/80

Drill 8 3/4" hole to 1750'. Ran 41 Jts. (1769') of 7" 23# csg. set @ 1749'. Cmt. w/175 sx 50/50 Poz mix w/ 2% CACL2, 1/4#/sk Celloflake, and .75% NFR-1 Tail in w/100 sx CL-H w/2% CACL2 and 1/4#/sk Celloflake. Circ'd cmt to surface. Good circulation thruout. Float held. WOC. Set slips and cut off casing. NUBOP's. Test pipe and blind rams to 2000 PSI, Hydril to 1000 PSI, Choke line to 2000 PSI Choke manifold and Kelly cock to 2000 PSI. Drill FC and shoe. Resume drilling 6 1/4" hole.

RECEIVED

DEC 12 1980

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

DIVISION OF
OIL, GAS & MINING

SIGNED

Carley Statham

TITLE Asst Div Adm Mgr. DATE 12/2/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, Colorado 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1873.3' FSL 507.3 FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

SUBSEQUENT REPORT OF:

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5. LEASE

U-13031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Calvinco

9. WELL NO.

31-12

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 31 T16S R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6285' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/16/80 Reduce hole to 6½" drill ahead.

12/3/80 Drill to 5800'. Circ and cond. hole RU and run 138 jts. 4½" csg. 10.5# Cmt. w/300 sx CL-H w/10% salt, Shoe @ 5795'. PD 12/2/80. Rig released 12/3/80. Float held OK.

RECEIVED

DEC 23 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

William J. Hughes

TITLE Asst. Div. Adm. Mgr

DATE December 12, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR
Tenneco

3. ADDRESS OF OPERATOR
Box 3249, Englewood, Co. 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1873.3' FSL 507.3' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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RECEIVED

JAN 28 1981

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/17/80 MIRUSU. RIH w/2-3/8" tbg. Tagged PBTD @ 5718'. Circ'd hole w/2% KCL water. PT csg. to 4000 PSI for 15 mins. Held OK. POOH w/tbg. Perf'd Dakota (2JSPF): 5280-5288', 5178-5198', 28' 56 holes. RIH w/retrieveable bridge plug and pkr. Set RBP @ 5316', pkr @ 5254'. Acidize perfs 5280-88' w/500 gals 7½% DI-HCL and 16 balls. Good ball action. Reset RBP @ 5254 and pkr @ 5070'. Acidize perfs 5178-98' w/500 gals 7½% HCL and 40 balls. ISIP: 1350 PSI, 5 min SIP: 100 PSI. Reset RBP @ 5380', pkr @ 5254'. Swabbed. Recovered 90% of load. Swab lower zone dry. POOH w/tbg, RBP and pkr. TIH w/tbg set @ 4914'. Frac Dakota perfs w/80,640 gals 75% quality foam and 90,000# 20/40 sand. Max pressure: 3100 PSI, Min pressure: 2700 PSI, AIP: 2900 PSI, ISIP: 2250 PSI, 15 min SIP: 1750 PSI. Open well to pit. Kill well w/2% KCL water. Landed 2-3/8" tbg @ 5285' w/F nipple. NDBOP. Flowing to clean up.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Carley M. Hatten TITLE Asst. Div. Adm. Mgr DATE January 20, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-13031	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155		8. FARM OR LEASE NAME Calvinco USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1873.3' FSL, 507.3' FWL At top prod. interval reported below At total depth		9. WELL NO. 31-12	
14. PERMIT NO. 43-019-30704		DATE ISSUED 9-23-80	
15. DATE SPUDDED 11/12/80		16. DATE T.D. REACHED 12/3/80	
17. DATE COMPL. (Ready to prod.) 1/15/81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6285' gr.	
20. TOTAL DEPTH, MD & TVD 5800'		21. PLUG, BACK T.D., MD & TVD 5718'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → o'-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5178-5288 Dakota		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC CNL/GR DIL/GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36#	123'	
7"	23#	1749'	8-3/4"
4-1/2"	10.5#	5797'	6-1/4"
CEMENTING RECORD		AMOUNT PULLED	
175 sx 50/50 POZ 100 sx		CL-H	
300 sx CL-H w/10% Salt			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5285'		
31. PERFORATION RECORD (Interval, size and number)			
5178-98' 2 JSPF 28' 56 holes 5280-88'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5178-98'		500 gals 7½% DI-HCL 40 balls	
5280-88'		500 gals 7½% DI-HCL 16 balls	
5178-5288'		80,640 gals 75% quality foam & 90,000# 20/40 sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1/15/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST 1/15/81	HOURS TESTED 24 hrs.	CHOKE SIZE 32/64"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 28	GAS—MCF. 646	WATER—BBL. 8	GAS-OIL RATIO 43
FLOW. TUBING PRESS. 280 PSI	CASING PRESSURE 340 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL. 28
GAS—MCF. 646	WATER—BBL. 8	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Electric logs to be forwarded by Schlumberger			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>William J. Doughty</i>		TITLE Asst. Div. Adm. Mgr.	
DATE 2/5/81			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde	Surface	1150	Sand, shale, gas, water	Mancos B	2290	
Castlegate	1560	1600	Sand, water			
Dakota	5170	5380	Sand, shale, gas, water	Dakota Silt	5100	
Morrison	5380	TD	Shale, sand, water			

Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

April 25, 1984

RECEIVED

APR 27 1984



DIVISION OF OIL
GAS & MINING

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

696
TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

X T. 17S R 24E Sec 4 Federal 4-12
X T17S R 24E Sec. 14 Hogle USA 14-4
X T17S R24E Sec 3 Federal 3-8
X T17S R24E Sec 3 Federal 3-15
X T16S R24E Sec 35 Federal 35-10
X T17S R24E Sec 2 Dietler State 2-14
X T17S R24E Sec 2 Dietler State 2-7
X T16S R25E Sec 31 Calvinco USA 31-12 ✓
X T17S R24E Sec 1 Reinauer 1-5
X T17S R24E Sec 1 Reinauer 1-14
X T16S R24E Sec 36 Tenneco State 36-14
X T16S R24E Sec 36 Tenneco State 36-16
X T16S R 24E Sec 35 Brown USA 35-3
X T17S R24E Sec 12 Edward 12-2
X T17S R25E Sec 7 Winter Camp Unit 7-14
X T17S R24E Sec 11 Hogle 11-12
X T17S R25E Sec 6 Federal 6-7
X T17S R25E Sec 7 Federal 7-4
X T16S R25E Sec 17 Federal 17-9
X T16S R25E Sec 14 Federal 14-2
X T16S R26E Sec 16 State 16-4
X T16S R25E Sec 13 Carlson USA 13-4
X T17S R24E Sec 5 Federal 5-13
X T16S R24E Sec 33 Wilson USA 33-15
X T17S R25E Sec 6 Federal 6-14
X T16S R25E Sec 13 Federal 13-9
X T16S R26E Sec 33 Federal 33-13
T17S R26E Sec 5 Federal 5-4
X T16S R26E Sec 32 State 32-1
X T16S R26E Sec 32 State 32-11
X T17S R24E Sec 12 Tenneco USA 12-9



Angeles

THE QUINOCO COMPANIES

3801 East Florida Avenue Post Office Box 10800 Denver, Colorado 80210-0800 (303) 759-3233 (800) 525-5584

November 25, 1985

Bureau of Land Management
Department of the Interior
82 East Dogwood
P. O. Box 970
Moab, UT 84532

Re: Sundry Notices &
Report on Wells
Calvancio USA 31-12
Sec. 31 T16S-R25E
Grand County, UT

Gentlemen:

Enclosed please find the executed form 9-331 Sundry Notices and Reports on Wells for the above mentioned well.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Quinoco Petroleum, Inc.

Sharon Medina

Sharon Medina
Production Analyst

SGM/clm
Enclosures
CC: State of Utah

RECEIVED
NOV 27 1985

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

Quinoco Petroleum, Inc.

3. ADDRESS OF OPERATOR

3801 E. Florida Ave., Denver, CO 80210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

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(other) Producing Status Update

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Calvincio USA

9. WELL NO.

31-12

10. FIELD OR WILDCAT NAME

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31 T16S-R25E

12. COUNTY OR PARISH 13. STATE

Grand

UT

14. API NO.

43-019-30704

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry is to inform you that the Calvincio 31-12 was SI for approximately 130 days and has returned to a PGW as of November 22, 1985.

RECEIVED
NOV 27 1985

DIVISION OF
OIL, GAS & MINING
Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Sharon Medina TITLE Production Analyst DATE 11-25-85
Sharon Medina

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals.</p>		6. Lease Designation and Serial Number
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement CR92
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		9. Well Name and Number Calvinco USA 31-12
2. Name of Operator Roemer Oil Company		10. API Well Number 43-019-30704
3. Address of Operator 1675 Broadway, Suite 2750, Denver, CO 80202	4. Telephone Number (303) 592-4346	11. Field and Pool, or Wildcat Bryson Canyon
5. Location of Well Footage : 1873 FSL, 507 FWL Co. Sec. T., R., M. : NW SW 31-T16S-R25E County : Grand State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Roemer Oil Company took over operations from Hallwood/Quinoco on 10/1/90, with the effective date of the sale 7/1/90.

JAN 04 1991

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Diana Sandberg

Title Prod. Analyst

Date 12/28/90

(State Use Only)

Diana Sandberg

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense☒ Other

(Return Date) _____

OPERATOR CHANGE

(Location) Sec _____ Twp _____ Rng _____

(To - Initials) _____

FILE _____

(API No.) _____

1. Date of Phone Call: 1-8-91 Time: 1:332. DOGM Employee (name) L. ROMERO (Initiated Call ☒)
Talked to:Name JEANNA PAYNE (Initiated Call ☐) - Phone No. (303) 850-6322of (Company/Organization) QUINOCO3. Topic of Conversation: REQUEST FOR CHANGE OF OPERATOR DOCUMENTATION.(7 WELLS - SOLD TO ROEMER OIL COMPANY - EFF. 7-1-90) see attached *910904 interest
change only.4. Highlights of Conversation: ORIGINAL CONTACT TO MS. PAYNE WAS ON 11-15-90, AT
WHICH TIME I WAS TOLD DOCUMENTATION WOULD BE SENT ASAP. SHE WILL MAKE SURE
THEY ARE SENT TO US ASAP. SHE ALSO STATED THAT QUINOCO CHANGED ITS COMPANY
NAME TO HALLWOOD PETROLEUM INC., AND WILL SEND COPY OF NAME CHANGE ALONG WITH
OPERATOR CHANGES.

* ms. Payne said she will do today, and mail ASAP. (2-8-91)

* Received 2-22-91.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Roemer Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1675 Broadway, Suite 2750 Denver, Colorado 80237		7. UNIT AGREEMENT NAME CR 92
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME CALVENICO
14. PERMIT NO. 43-019-30704		9. WELL NO. 31-12
15. ELEVATIONS (Show whether DT, RT, SA, etc.)		10. FIELD AND POOL, OR WILDCAT BRYSON CANYON
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 31, T16S, R25E
		12. COUNTY OR PARISH GRAND
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Change of Operator		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 7-1-90 Hallwood/Quinoco Petroleum, Inc. will no longer be operating the above well.

RECEIVED
FEB 22 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr. Engineering Technician

DATE 12-6-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 5, 1991

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80202

Gentlemen:

Re: Operator Change, Quinoco Co. to Roemer Oil Company - Grand County, Utah

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D. T. Staley
R. J. Firth
Operator Change File
WE76

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 210
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303) 856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

REC'D U.S.T.C. 216
MAR - 8 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303) 856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING

Filing Fee: \$25.00

File Duplicate Originals

APPLICATION FOR
AMENDED CERTIFICATE OF AUTHORITY
OF

Quinoco Petroleum, Inc.

(corporate name)

To the Lt. Governor/Secretary of State
of the State of Utah:

Pursuant to the provisions of Section 16-10-114 of the Utah Business Corporation Act, the undersigned corporation hereby applies for an Amended Certificate of Authority to transact business in Utah, and for that purpose submits the following statement:

FIRST: A Certificate of Authority was issued to the corporation by your office on _____, 19____, authorizing it to transact business in your State.

SECOND: The corporate name of the corporation has been changed to _____
Hallwood Petroleum, Inc.

THIRD: The corporation will use the changed name hereafter in Utah.

FOURTH: It desires to pursue in the transaction of business in Utah other or additional purposes than those set forth in its prior Application for a Certificate of Authority, as follows:

no change

Dated July 5, 1990

RECEIVED
FEB 22 1991

Notes: 1. If the corporate name has not been changed, insert "No Change".

2. If no other or additional purposes are proposed, insert "No Change".

Under penalties of perjury, we declare that this application for Amended Certificate of Authority has been examined by us and is, to the best of our knowledge and belief, true, correct and complete.

DIVISION OF CORPORATIONS AND
I hereby certify that the foregoing has been read.

and approved on the 23rd day of July, 1990
in the office of this Division.

EXAMINER



Peter Van Alstyne
DEPUTY DIRECTOR

Hallwood Petroleum, Inc.

(exact corporate name)

By

Cathleen M. Osborn
President or Vice President

Cathleen M. Osborn

By

Diane M. Blieszner
Secretary or Assistant Secretary

Diane M. Blieszner

0201020070

CERTIFICATE OF AMENDMENT
OF
ARTICLES OF INCORPORATION

ENDORSED
FILED
in the office of the Secretary of State
of the State of California
JUN 20 1990
MARCH FONG EU, Secretary of State

Cathleen M. Osborn and Diane M. Blieszner certify that:

1. They are the vice president and the assistant secretary, respectively, of Quinoco Oil and Gas, Inc., a California corporation.
2. Article one of the articles of incorporation of this corporation is amended to read as follows:

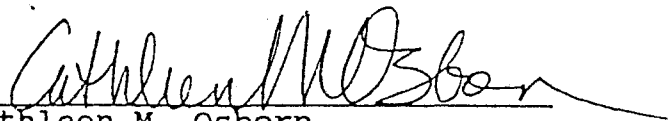
RESOLVED, Article One of the Articles of Incorporation of QUINOCO OIL AND GAS, INC. is hereby amended in its entirety to read as follows:


The name of the corporation is HALLWOOD
OIL AND GAS, INC.

3. The foregoing amendment of articles of incorporation has been duly approved by the board of directors.
4. The foregoing amendment of articles of incorporation has been duly approved by the required vote of shareholders in accordance with Section 902 of the Corporations Code. The total number of outstanding shares of the corporation is 100,000. The number of shares voting in favor of the amendment equals or exceeded the vote required. The percentage vote required was more than 50%.

We further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

DATE: June 19, 1990


Cathleen M. Osborn
Vice President


Diane M. Blieszner
Assistant Secretary

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing

1- LCH	7- LCH
2- DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)
☐ Designation of Operator

☐ Designation of Agent
☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-23-90)

TO (new operator) HALLWOOD PETROLEUM INC
(address) PO BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 5100

FROM (former operator) QUINOCO CO
(address) PO BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

****QUINOCO TO NORTHSTAR GAS COMPANY INC.**
(SEE COMMENTS ON BACK)

Well(s) (attach additional page if needed):

***CR92**

Name: <u>CALVINCO 31-12/DKTA</u>	API: <u>43-019-30704</u>	Entity: <u>6595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *See Certificate of Amendment*
- Ja 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-22-91)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- * 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-29-93)*
- N/A 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above.
- * 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-29-93)*
- Ja 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 12/12/93 1993. If yes, division response was made by letter dated 12/12/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 12/12/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: 12/12/93 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921218 BLM/SL CA operator "Tee-Rocky Mountains, Inc."

930129 BLM/SL C.A. Operator from "Tee-Rocky Mountains, Inc." to "Northstar Gas Co. Inc."

* Company name chg. noted "Quinoco to Hallwood", however actual operator change from Quinoco to Northstar Gas Co. (see also Hallwood to Roemer & Roemer to Northstar).

** Rec'd 6-7-91
for*

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-05010) ✓
(U-38838A)
(SL-071172)
(CR92)
(U-065)

NOV 20 1990

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80237

Re: Change of Operator

Well and Lease or CA:

Hogle USA No. 11-12,
Reinaure Fed. No. 1-5,
Reinaure No. 1-14,
Wesbit No. 1
Calvinco No. 31-12

SL-071172
U-38838A
U-38838A
U-05010

CR92. * 910904 still Quinoco.

Gentlemen:

We have received your change of operator sundry notices for the above captioned wells, and some deficiencies exist.

Well No. Calvinco 31-12 is on communitization agreement (CA) CR92. Change of operator on CAs must be approved through the BLM, Utah State Office in Salt Lake City. You may contact Mickey Coulthard at (801) 539-4042 for specific information on how to change operatorship on a CA.

Change of operator for the remaining four wells can be approved through this office via sundry notice. The sundry notices must contain the following self certification statement: "Roemer Oil Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands." In addition, the new operator must submit their BLM bond number to verify coverage of the operations.

Enclosed are the sundry notices you submitted. You may add the necessary information to the sundry notice for wells no. 1, 11-12, 1-5 and 1-14 and resubmit them.

11/20/90

If you should have any questions, please call Eric Jones at (801) 259-6111.

Sincerely yours,

/s/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

Enclosure:
As Stated Above

cc:
U-922, Utah State Office (M. Coulthard)

bcc:
Wang System Maintenance (Freudiger)(Delete)

EJones:caf:11/19/90 Wang 2831f

CAF

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
OPERATOR CHANGE
FILE _____(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 9-4-91 Time: 3:40

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒
Talked to:Name DIANA SANDBERG (Initiated Call ☐ - Phone No. (303) 592-4341

of (Company/Organization) ROEMER OIL COMPANY

3. Topic of Conversation: CHANGE OF OPERATOR FROM ROEMER TO NORTHSTAR GAS CO.

4. Highlights of Conversation: THE WELLS IN QUESTION (SEE ATTACHED) WERE SOLD TO ROEMER OIL COMPANY FROM QUINOCO CO. EFFECTIVE 7-1-90, HOWEVER THE PAPERWORK WAS NOT COMPLETED UNTIL 10-1-90. QUINOCO STOPPED REPORTING TO MMS/PRODUCTION AS OF SEPTEMBER 1990. ROEMER STARTED REPORTING TO MMS/PRODUCTION AS OF OCTOBER 1990. ROEMER ALSO STARTED REPORTING CONSERVATION & SEVERANCE TAX AS OF 10-1-90. THE BLM/MOAB NEVER OFFICIALLY ACCEPTED THE CHANGE OF OPERATOR BECAUSE ROEMER OIL COMPANY DID NOT POST BOND COVERAGE AND HAS BEEN TRYING TO SELL THE PROPERTIES SINCE THE TIME OF PURCHASE. EFFECTIVE 8-1-91 ROEMER SOLD THE WELLS TO NORTHSTAR GAS COMPANY AND SAYS THAT NORTHSTAR HAS POSTED BOND COVERAGE. ROEMER WILL SUBMIT DOCUMENTATION TO THAT EFFECT.

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- DCR

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold)

☐ Designation of Agent

Designation of Operator

☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-1-90 7-1-90)

TO (new operator) ROEMER OIL COMPANY
(address) 1675 BROADWAY, SUITE 2750
DENVER, CO 80202
DIANA SANDBERG
phone (303) 692-4346
account no. N2375 (3-5-91)

FROM (former operator) QUINOCO CO.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

Well(s) (attach additional page if needed):

Name: <u>WESTBIT U 1/WSTC</u>	API: <u>43-019-15047</u>	Entity: <u>5215</u>	Sec <u>10</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 2-7/DKTA</u>	API: <u>43-019-30604</u>	Entity: <u>6565</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>ML-37489</u>
Name: <u>STATE 36-14/DKTA</u>	API: <u>43-019-30605</u>	Entity: <u>6570</u>	Sec <u>36</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>ML-33908</u>
Name: <u>REINAUER 1-5/DKTA</u>	API: <u>43-019-30697</u>	Entity: <u>6575</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838</u>
Name: <u>HOGLE 11-12L 1/DKTA</u>	API: <u>43-019-30701</u>	Entity: <u>6580</u>	Sec <u>11</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>SL071172</u>
Name: <u>GALVINGO 31-12/DKTA *</u>	API: <u>43-019-30704</u>	Entity: <u>6595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>
Name: <u>REINAUER 1-14/DKTA</u>	API: <u>43-019-30733</u>	Entity: <u>6600</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838</u>

OPERATOR CHANGE DOCUMENTATION

* Lease U-13031 CR92 "C.A." - Quinoco.

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Submitted as a operator change - see Btm letter dated 8-6-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Submitted as a operator change - see Btm letter dated 8-6-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #150982. *(EH-4-5-91)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.
** See Hallowood to Northstar oper. chg. eff. 8-1-91.*

INDEXING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

110904 Bfm/maab Confirmed that this is an interest change only! (Fed. Leases)
 * Roemer Oil Company did not post bond coverage to transfer the wells over to Roemer, however Quinoco stopped reporting to mms eff. 9/90, Roemer started eff. 10/90 reporting production, conservation & Severance tax, etc.

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
WESTBIT U 1	WSTC✓		U-05010	*	
301915047 05215 16S 25E 10					
WESTBIT 2	WSTC✓		U-05010		
301915048 05220 16S 25E 9					
FEDERAL 6-14	DKTA✓		U-38842		
301930462 06525 17S 25E 6					
HOGLE USA 14-4	DK-MR✓		SL-071172		
301930507 06535 17S 24E 14					
FEDERAL 6-7	DKTA✓		U-38842		
301930516 06540 17S 25E 6					
STATE 2-14	CDMTN✓		ML-27489		
301930571 06560 17S 24E 2					
STATE 2-7	DKTA✓		ML-37489	*	
301930604 06565 17S 24E 2					
STATE 36-14	DKTA✓		ML-33908	*	
301930605 06570 16S 24E 36					
REINAUER 1-5	DKTA✓		U-38838A	*	
301930697 06575 17S 24E 1					
HOGLE 11-12L 1	DKTA✓		SL-071172	*	
301930701 06580 17S 24E 11					
EDWARDS USA 12-2	DKTA✓		U-38030		
301930702 06585 17S 24E 12					
CALVINGO 31-12	DKTA✓		U-13031	(910904 Still Quinoco CR92 "C.A.")	
301930704 06595 16S 25E 31					
REINAUER 1-14	DKTA✓		U-38838A	*	
301930733 06600 17S 24E 1					
TOTAL					

Comments (attach separate sheet if necessary) **Operator name from Quinoco to Hallwood Petroleum, Inc. eff. 7-18-91. (910904 St. Lands / Becky awaiting additional documentation.)*

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____

Telephone _____

** see op. chg.
Hallwood to north star
eff 8-1-91.*

PLEASE COMPLETE FORMS IN BLACK INK



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
WESTBIT U 1					
4301915047 05215 16S 25E 10	WSTC		U-05010		
WESTBIT 2					
4301915048 05220 16S 25E 9	WSTC				
FEDERAL 6-14					
4301930462 06525 17S 25E 6	DKTA				
HOGLE USA 14-4					
4301930507 06535 17S 24E 14	DK-MR				
FEDERAL 6-7					
4301930516 06540 17S 25E 6	DKTA				
STATE 2-14					
4301930571 06560 17S 24E 2	CDMTN				
STATE 2-7					
4301930604 06565 17S 24E 2	DKTA		ML-27489		
STATE 36-14					
4301930605 06570 16S 24E 36	DKTA		ML-33908		
REINAUER 1-5					
4301930697 06575 17S 24E 1	DKTA		U-38838		
HOGLE 11-12L 1					
4301930701 06580 17S 24E 11	DKTA		SL-071172		
EDWARDS USA 12-2					
4301930702 06585 17S 24E 12	DKTA				
CALVINCO 31-12					
4301930704 06595 16S 25E 31	DKTA		U-13031	(910904 still Quinoco CP92 "C.A.")	
REINAUER 1-14					
4301930733 06600 17S 24E 1	DKTA		U-38838		
TOTAL					

Comments (attach separate sheet if necessary) * Interest change Quinoco to Roemer Oil Co. eff. 12-1-90.
(Not an operator change.) (910904 St. Lands/Becky Awaiting add'l info.)

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

324 South State, Suite 301

Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SL-071172

(U-942)

U-41374-CR176

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab

From: Chief, Minerals Adjudication Section

Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SL-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Ominex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P. O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

2/21/91



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

324 South State, Suite 301

Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SL-071172

(U-2942)

U-41374 (CR-176)

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab

From: Chief, Minerals Adjudication Section

Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SL-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Omimex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

uj EHK

LIST OF AFFECTED LEASES

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 -✓
U-38033 -✓
U-38842 -✓
U-39254
U-41374
U-62844

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 -A
U-38033 -A
U-38842 -A
U-39254
U-41374
U-62844

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
		9. WELL NO.
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, OR, etc.)	12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Effective 7/1/90 the following wells were sold to Roemer Oil Company.

Well Name	Federal Lease #	Utah Lease #
Wesbit #1 43-019-15047 <i>Sec. 10 165T25E</i>	UTU5010	05215
Deitler 2-7	N/A	06565
Reinauer 1-5 43-019-30697	UTU38838A <i>Sec. 1, T17S, R24E</i>	06575
Hogle USA 11-12	UT071172	06580
Calvinco 31-12 43-019-30704	CR92 <i>Sec. 31, T16S, R25E</i>	06595
Reinauer 1-14 43-019-30733	UTU38838A <i>Sec. 1, T17S, R24E</i>	06600
Tenneco State 36-14	C6570	06570

RECEIVED

AUG 19 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Sheelu
Debi Sheelu

TITLE Sr. Engineering Technician

DATE 8/16/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals.

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

CR 92

9. Well Name and Number

CALVINCO USA 31-12

10. API Well Number

43-019-30704

11. Field and Pool, or Wildcat

BRYSON CANYON

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

3. Address of Operator

15000 N.W. FWY. SUITE 203, HOUSTON TX 77040

4. Telephone Number

(713)937-4314

5. Location of Well

Footage : 1873 FSL, 507 FWL
QQ, Sec. T., R., M. : NW SW 31-T16S-R25E

County : GRAND

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |

☒ Other CHANGE OF OPERATOR

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NORTHSTAR GAS COMPANY INC. TOOK OVER OPERATIONS FROM ROEMER OIL COMPANY
EFFECTIVE 08-01-91 WITH THE DATE OF SALE 07-01-91.

RECEIVED

AUG 29 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature

Title Sec./Treas.

Date 08-26-91

(State Use Only) Paul A. Bernard Jr.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

3. Address of Operator

15000 N.W. FWY. SUITE 203, HOUSTON TX 77040

4. Telephone Number

(713)937-4314

5. Location of Well

Footage : 1873 FSL, 507 FWL
QQ, Sec. T., R., M. : NW SW 31-T16S-R25E

County : GRAND

State : UTAH

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

CR 92

9. Well Name and Number

CALVINCO USA 31-12

10. API Well Number

43-019-30704

11. Field and Pool, or Wildcat

BRYSON CANYON

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NORTHSTAR GAS COMPANY INC. TOOK OVER OPERATIONS FROM ROEMER OIL COMPANY
EFFECTIVE 08-01-91 WITH THE DATE OF SALE 07-01-91.

RECEIVED

AUG 29 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Title Sec./Treas.

Date 08-26-91

(State Use Only) Paul A. Bernard Jr.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals.

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

CR92

9. Well Name and Number

Calvinco USA 31-12

10. API Well Number

43-019-30704

11. Field and Pool, or Wildcat

Bryson Canyon

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

Roemer Oil Company

3. Address of Operator

1675 Broadway, Suite 2750, Denver, CO 80202

4. Telephone Number

(303) 592-4341

5. Location of Well

Footage 1873 FSL, 507 FWL

CQ, Sec. T., R., M. : NW SW 31-T16S-R25E

County : Grand

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/91, Northstar Gas Company purchased Roemer's interest and took over operations of this well.

NORTHSTAR GAS COMPANY, INC.
15000 Northwest Freeway, Suite 203
Houston, TX 77040
(713) 937-4314

SEP 09 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Diana Lindberg

Title Prod. Analyst

Date 9/4/91

(State Use Only)

Entry No. 423842
Recorded 8-5-91 240 1M
Ck. 433 Pages 197 Fee 18.00
Lilly Mae Noodlander

Westbit #1 Dietler 2-7
Tenneco St 36-14 Reinauer 1-5
Hogle 11-12 Calvinco 31-12
Reinauer 1-14
Grand County, Utah

Recorder of Grand County

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto, Northstar Gas Co., Inc., 15000 Northwest Freeway, Suite 203, Houston, Texas 77040, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah, together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

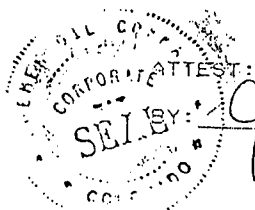
EXECUTED this 31st day of July, 1991.

ASSIGNOR

ROEMER OIL COMPANY

BY: [Signature]

ATTORNEY-IN-FACT



ATTEST

BY: [Signature]

ASSIGNEE

NORTHSTAR GAS CO., INC.

BY: [Signature]

ACKNOWLEDGEMENTS

STATE OF COLORADO)

) SS.:

COUNTY OF DENVER)

On this 31st day of July, 1991, before me the undersigned a Notary Public, personally appeared Steven J. Swanson of Roemer Oil Company, to me personally known to be the Attorney-in-Fact and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires:

Donna A. Gray
Notary Public

TEXAS

STATE OF ~~XXXX~~)

HARRIS)

) SS.:

COUNTY OF ~~XXXX~~)

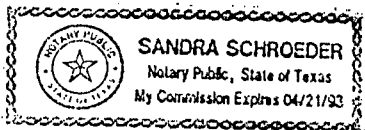
On this 2nd day of August, 1991, before me the undersigned a Notary Public, personally appeared Harry F. Dean of Northstar Gas Co., Inc. to me personally known to be the person and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires:

4/23/91

Sandra Schroeder
Notary Public



Entry No. 423-41
Recorded 8-5-91 2:40 PM
Bk. 433 Pg. 188 Fee 20.00
Lilly Mae Nothander

Westbit #1
Tenneco State 36-14
Hogle 11-12
Reinauer 1-14
Grand County, Utah
Dietler 2-7
Reinauer 1-5
Calvinco 31-12

Lilly Mae Nothander

Recorder of Grand County

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, 1675 Broadway, Suite 2750, Denver, Colorado 80202; Alliance Income Fund 1990, Ltd., 10711 Park Village Place, Suite 250, Dallas, Texas 75230 and Lawrence I. Kravetz and Sydney A. Kravetz, 6300 S. Syracuse Way, Suite 560, Englewood, Colorado 80111, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto; Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

EXECUTED this 29TH day of July, 1991.

ASSIGNOR

Lamar B. Roemer
LAMAR B. ROEMER

John F. Sheridan
JOHN F. SHERIDAN

Steven J. Swanson
STEVEN J. SWANSON

Lawrence I. Kravetz
LAWRENCE I. KRAVETZ

Sydney A. Kravetz
SYDNEY A. KRAVETZ

ATTEST:

BY:

ALLIANCE INCOME FUND 1990, LTD.

BY:

Albert J. F. 1990 LTD
President of Alliance Income Fund 1990 LTD

ASSIGNEE

ROEMER OIL COMPANY

BY:

Lamar B. Roemer
Lamar B. Roemer, President

ACKNOWLEDGEMENTS

STATE OF COLORADO)
COUNTY OF DENVER) SS.:

BEFORE ME, the undersigned, on this 30th day of July, 1991, personally appeared Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.
My Commission Expires: 2-21-94

Donna A. Gray
Notary Public

STATE OF COLORADO)
COUNTY OF Arapahoe) SS.:

BEFORE ME, the undersigned, on this 29th day of July, 1991, personally appeared Lawrence I. Kravetz and Sydney A. Kravetz, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires: 5-5-93

Linger L. Thomas
Notary Public

STATE OF TEXAS)
COUNTY OF Dallas) SS.:

On this 26th day of July, 1991, the undersigned a Notary Public, personally appeared Brian J. Babin of Alliance Income Fund 1990 Ltd., to me personally to be the identical person and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal the above mentioned date.

My Commission Expires: 8-17-93

Mary E. Easter
Notary Public

STATE OF COLORADO)
COUNTY OF DENVER) SS.:

On this 30th day of July, 1991, before me the undersigned a Notary Public, personally appeared Lamar B. Roemer of Roemer Oil Company, to me personally known to be the President and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and Seal on the above mentioned date.

My Commission Expires: 2-21-94

Donna A. Gray
Notary Public

LE213 Calvinco USA 31-12

PROSPECT: UTAH WESTERN SLOPE
COUNTY: GRAND
STATE: UTAH

EXHIBIT A
LEASE SCHEDULE

PAGE 1
14 SEP 1990

LEASE NO. BOOK, PAGE	LEASE DATE EXP DATE	LESSOR NAME	LESSEE NAME	TOWNSHIP RANGE	SECTION	DESCRIPTION
906	12/01/80 11/30/80	BUREAU OF LAND MANAGEMENT USA U-13031	CALVINCO	16S 25E	31	LOTS 1, 2, 3, 4, NE/4NW/4, E/2SW/4
2812	10/01/69 09/30/79	BUREAU OF LAND MANAGEMENT USA U-9831	WM H SHORT JR & F KNOBEL	16S 25E	31	SE/4NW/4

Insofar and only insofar as said lease(s) pertain(s)
to the following acreage:

Township 16 South - Range 25 East
Section 31: W/2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number CR92
2. Name of Operator Roemer Oil Company		7. Indian Allottee or Tribe Name
3. Address of Operator 1675 Broadway, Suite 2750, Denver, CO 80202		8. Unit or Communitization Agreement
4. Telephone Number (303) 592-4341		9. Well Name and Number Calvinco USA 31-12
5. Location of Well Footage 1873 FSL, 507 FWL CQ, Sec. T., R., M. : NW SW 31-T16S-R25E		10. API Well Number 43-019-30704
County : Grand State : UTAH		11. Field and Pool, or Wildcat Bryson Canyon
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/91, Northstar Gas Company purchased Roemer's interest and took over operations of this well.

RECEIVED

SEP 09 1991

DIVISION OF
OIL GAS & MINING

NORTHSTAR GAS COMPANY, INC.
15000 Northwest Freeway, Suite 203
Houston, TX 77040
(713) 937-4314

14. I hereby certify that the foregoing is true and correct

Name & Signature

Diana Lindberg

Title Prod. Analyst

Date 9/4/91

(State Use Only)

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense☒ Other

(Location) Sec____Twp____Rng____

(Return Date) _____

OPERATOR CHANGE

(API No.) _____

(To - Initials) _____

FILE. _____

1. Date of Phone Call: 9-5-91 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call ~~XXX~~
Talked to:Name VERLENE BUTTS (Initiated Call ☐) - Phone No. (801) 259-2152

of (Company/Organization) BLM/MOAB

3. Topic of Conversation: OPERATOR CHANGE "HALLWOOD PETROLEUM, INC. TO NORTHSTAR
GAS COMPANY INC."4. Highlights of Conversation: THE BLM/MOAB APPROVED THE CHANGE OF OPERATOR FROM
HALLWOOD PETROLEUM, INC. TO NORTHSTAR GAS COMPANY INC. ON 9-4-91 EFFECTIVE

8-1-91. THE LEASES AND WELLS INVOLVED ARE AS FOLLOWS:

U-38838A -REINAUER 1-14 43-019-30733

REINAUER 1-5 43-019-30697

U-05010 -WESTBIT U 1 43-019-15047

SL-071172 -HOGLE 11-12L 43-019-30701

*APPROVED COPIES FROM THE BLM WILL BE MAILED OR FAXED.

(ROEMER OIL COMPANY WAS NEVER RECOGNIZED AS OPERATOR OF THESE WELLS)

*LEASE U-13031/CR92 "C.A." (CALVINCO 31-12/43-019-30704) STILL QUINOCO CO.

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCB	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
Designation of Operator ~~XXX~~ Operator Name Change Only "MERGER"

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator) HALLWOOD PETROLEUM, INC.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 5100 (3-5-91)

FROM (former operator) QUINOCO CO.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

Well(s) (attach additional page if needed):

*Also see Hallwood to Northstar
oper. chg. eff 8-1-91*

Name: <u>(SEE ATTACHMENT)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(same)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes)/no _____ If yes, show company file number: #110236.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-6-91)*
6. Cardex file has been updated for each well listed above. *(9-6-91)*
7. Well file labels have been updated for each well listed above. *(9-6-91)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-6-91)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.
- notification sent to Ed Denner for State 2-14 (43-019-30571) and State 16-4 (43-019-30433).*
** See Hallwood to Northstar oper. chg. C.H. 8-1-91*

MICROFILMING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910904 Btm/MOAB Confirmed change of operator "merger" from Quinoco to Hallwood. All wells except for 43-019-30704 / Calvino 31-12 "CR92 C.A." which is still considered Quinoco.

Routing:

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- LCR

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-91)

TO (new operator) NORTHSTAR GAS COMPANY INC.
(address) 15000 N.W. FWY, SUITE 203
HOUSTON, TX 77040
PAUL BERNARD
phone (713) 937-4314
account no. N6680 (9-11-91)

FROM (former operator) HALLWOOD PETROLEUM, INC.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N5100

Well(s) (attach additional page if needed):

Name: <u>WESTBIT U 1/WSTC</u>	API: <u>43-019-15047</u>	Entity: <u>05215</u>	Sec <u>10</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 2-7/DKTA</u>	API: <u>43-019-30604</u>	Entity: <u>06565</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>ML-27489</u>
Name: <u>STATE 36-14/DKTA</u>	API: <u>43-019-30605</u>	Entity: <u>06570</u>	Sec <u>36</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>ML-33908</u>
Name: <u>REINAUER 1-5/DKTA</u>	API: <u>43-019-30697</u>	Entity: <u>06575</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838A</u>
Name: <u>HOGLE 11-12L 1/DKTA</u>	API: <u>43-019-30701</u>	Entity: <u>06580</u>	Sec <u>11</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>SL-07117</u>
Name: <u>REINAUER 1-14/DKTA</u>	API: <u>43-019-30733</u>	Entity: <u>06600</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838A</u>
Name: <u>*Calvinco 31-12 /DKTA</u>	API: <u>43-019-30704</u>	Entity: <u>06595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>

*QUINOCO CHG'D NM TO HALLWOOD 7-18-91.
*INTEREST CHG FR QUINOCO TO ROEMER 7-1-90/BLM DOES NOT RECOGNIZE ROEMER AS EVER BEING OPERATOR.
*(INTEREST CHG FR ROEMER TO NORTHSTAR GAS 8-1-91)

OPERATOR CHANGE DOCUMENTATION *still Quinoco/sec documentation.*

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 9-4-91) (Rec'd 9-9-91)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-29-91)*
- See* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? *(yes/no)* yes If yes, show company file number: #144214.
- See* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-12-91)*
- See* 6. Cardex file has been updated for each well listed above. *(9-12-91)*
- See* 7. Well file labels have been updated for each well listed above. *(9-12-91)*
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-12-91)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no.
Today's date 9-13-91 1991. If yes, division response was made by letter dated 9-13-91 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9-13-91 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: 9-13-91 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910905 Btm/moab Approved on 9-4-91 effective 8-1-91. (see phone documentation)
910905 St. Lands/Becky Awaiting additional info.

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0600 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93780018	FULLER USA #13-16	06	02	<u>3</u>	12/85	<u>0930</u>
93781014	FULLER USA #18-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92155013	WILSON USA #33-15 14S. 24E. 33	06	07	<u>8</u>	10/85	<u>1030</u>
92193014	BROWN USA #35-3 14S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92158012	DIETLER STATE #2-14 17S. 24E. 2	06	07	<u>7</u>	11/85	<u>0830</u>
92180017	STATE #36-14 14S. 24E. 36	06	07	<u>7</u>	11/85	<u>0930</u>
92186016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92188019	CALVINCO USA #31-12 16S. 25E. 31	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1 ✓	06	07	<u>5</u>	11/85	<u>0930</u>
92199010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>0830</u>

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCK	7- LCK
2-DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-01-91)

TO (new operator) NORTHSTAR GAS COMPANY INC
 (address) 15000 NW FWY STE 203
HOUSTON, TX 77040
PAUL BERNARD
 phone (713) 937-4314
 account no. N 6680

FROM (former operator) ROEMER OIL COMPANY
 (address) 1675 BROADWAY STE 2750
DENVER, CO 80202
DIANA SANDBERG
 phone (303) 592-4346
 account no. N 2375

****QUINOCO TO NORTHSTAR GAS COMPANY INC.**
(SEE COMMENTS ON BACK)

Well(s) (attach additional page if needed):

***CR92**

Name: <u>CALVINCO 31-12/DKTA</u>	API: <u>43-019-30704</u>	Entity: <u>6595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-9-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-29-91)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- * 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-29-93)
- 1-29-93 6. Cardex file has been updated for each well listed above. (1-29-93)
- 1-29-93 7. Well file labels have been updated for each well listed above. (1-29-93)
- * 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-29-93)
- 1-29-93 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Feb 4 1993. If yes, division response was made by letter dated Feb 4 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated Feb 4 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: Feb 4 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

9/21/88 Bhm/S.L. CA. Operator "Toc-Rocky Mountains, Inc." (see phone doc. dated 12-18-92)

9/30/89 Bhm/S.L. CA. Operator from "Toc-Rocky Mountains, Inc." to "Northstar Gas Co. Inc."

* Operator change "Roemer to Northstar" noted, however actual operator change from Quinoco to Northstar Gas Co. (see also Quinoco to Hellwood & Hellwood to Roemer).

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

November 11, 1991

Utah Natural Resource
Oil, Gas, and Mining
355 West North Temple
3 Triad Center
Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

NOV 14 1991

DIVISION OF
OIL GAS & MINING

Re: Calvinco 31-12

Dear Sir:

The enclosed production report for the month of October, 1991 is being returned to your office due to Hallwood Energy Companies (formerly Quinoco) selling the property.

The purchase was effective 7/1/90. The purchasers name and address is as follows:

Roemer Oil Company
1675 Broadway
Suite 2750
Denver, CO 80202

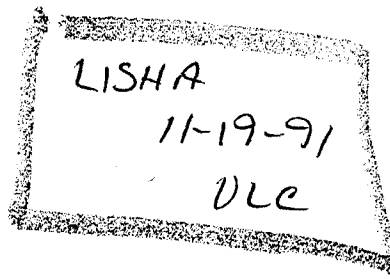
Thank you for your assistance in clearing this matter.

Sincerely,

HALLWOOD ENERGY COMPANIES

Debi S. Sheely

Debi S. Sheely
Senior Reservoir Technician



enc.

Hallwood Energy Companies

4582 South Ulster Street Parkway* Stanford Place III* Suite 1700* Post Office Box 378111
Denver, Colorado 80237* (303) 850-7373

RECEIVED

DEC 11 1992

December 9, 1992

DIVISION OF
OIL GAS & MINING

Utah Natural Resources
Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: **Calvinco 31-12**
Monthly Oil and Gas
Production Report

Dear Sirs:

This is to advise you that above mentioned well was sold to the Roemer Oil Company effective 7/1/90.

Sincerely,

Eva Kardas



Western District
Production Technician

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing

1-LCR	7-LCR
2-DPS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-01-90)

TO (new operator) <u>ROEMER OIL COMPANY</u>	FROM (former operator) <u>HALLWOOD PETROLEUM INC</u>
(address) <u>1675 BROADWAY STE 2750</u>	(address) <u>PO BOX 378111</u>
<u>DENVER, CO 80202</u>	<u>DENVER, CO 80237</u>
<u>DIANA SANDBERG</u>	<u>DEBI SHEELY</u>
phone (<u>303</u>) <u>592-4346</u>	phone (<u>303</u>) <u>850-6322</u>
account no. <u>N 2375</u>	account no. <u>N 5100</u>

****QUINOCO TO NORTHSTAR GAS COMPANY INC.**

(SEE COMMENTS ON BACK)

Well(s) (attach additional page if needed):

***CR92**

Name: <u>CALVINCO 31-12/DKTA</u>	API: <u>43-019-30704</u>	Entity: <u>6595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-14-91) (Rec'd 12-11-92)
- X 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). see Assignment and B. # of Sale "Roemer to Northstar."
- 1 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #150982.
- X 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- X 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-29-93)
- N/A 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above.
- X 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-29-93)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11/3/13 1913. If yes, division response was made by letter dated 11/3/13 1913.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 11/3/13 1913, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: 11/3/13 1913.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921218 Btm/S.Y. C.A. operator "Toc-Rocky Mountains, Inc."

930129 Btm/S.Y. C.A. Operator from "Toc-Rocky Mountains, Inc." to "Northstar Gas Co. Inc."

* Operator change "Hallwood to Roemer" noted, however actual operator change from Quinoco to Northstar Gas Co. (see also Quinoco to Hallwood & Roemer to Northstar).

Bureau of Land Management
Branch of Fluid Minerals (U-622)
324 South State Street
Salt Lake City, Utah 84111-2303

January 14, 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Northstar Gas Company, Inc.
15000 NW Fwy, #203
Houston, Texas 77040

Re: Communitization Agreement CR-92
Grand County, Utah

Gentlemen:

A designation of a successor operator for Communitization Agreement (CA) CR-92 authorizing Northstar Gas Company, Inc. to operate this communitized area has not been filed with this office.

A successor operator is designated by the owners of the working interests in the agreement. If the change of operator is not filed with and approved by this office, you are operating CA CR-92, Grand County, Utah without authority.

The procedure for processing and approving successor operator designations under CA's has been amended to provide an optional method for obtaining approval of successor operators which should expedite the approval process. Bureau of Land Management (BLM) offices now have a self-certification procedure for CA's. A party proposing to become the successor operator may submit a statement certifying that the working interest owner approvals have been obtained. The party to be designated successor operator must still execute a Designation of Successor Operator, but the document does not necessarily need to be signed by the working interest owners. Upon verification that adequate bonding has been obtained, the authorized officer (AO) may accept and approve in writing the designation of successor operator.

For consistency in processing requests for a successor operator, a standardized statement certifying that working interest owner approvals have been obtained can be used to facilitate processing the requests for approvals of designations of successor operator. The certification statement submitted to the BLM office requesting approval of the successor operator should contain the following language:

RECEIVED

JAN 15 1993

DIVISION OF

LAND MINING

(Name of the proposed successor operator), as the designated successor operator under CA _____, hereby certifies that the approval of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator. We will be operating under bond no. _____.

Please be advised that you may adopt the self-certification procedure to complete the change in operator for the above Agreement, or you may submit the working interest owner signatures.

Please complete the enclosed forms for effecting a change in operator for CA CR-92 and submit them, in triplicate, to this office within 60 days from receipt of this letter.

Should you have any questions, please contact Teresa Thompson at (801) 539-4047.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab
DOGM Attn: Lisha Romero
CA CR-92 File
Agr. Sec. Chron
Fluid Chron

922:TATHOMPSON:tt:01/14/1993

RECEIVED

JAN 15 1993

DIVISION OF
MINING

Bureau of Land Management
Branch of Fluid Minerals (U-922)
324 South State Street
Salt Lake City, Utah 84111-2303

RECEIVED

FEB 01 1993

DIVISION OF
OIL AND GAS ADMINISTRATION

January 29, 1993

Northstar Gas Company, Inc.
15000 Northwest Freeway, Suite 203
Houston, Texas 77040

Re: Successor of Operator
Communitization Agreement (CA)
CR-92
Grand County, Utah

43-019-20704

Gentlemen:

We received an indenture whereby TOC-Rocky Mountains Inc. resigned as Operator and Northstar Gas Company, Inc. was designated as Operator for CA CR-92, Grand County, Utah.

This instrument is hereby accepted effective as of January 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA CR-94.

Your statewide (Utah) oil and gas bond No. 0845 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
DOGM
File - CR-92 (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:01-29-93